

## WHAT IS CLAIMED IS:

1. A method for remotely controlling a set of functions related to a wireless audio system from a remote central control, said method comprising the steps of:
  - providing an audio system that includes a transmitter and a receiver;
  - transmitting data from the transmitter to the receiver of said audio system and storing said data therein, said data including two or more characteristics regarding said transmitter or the environment in which it is used;
  - establishing a link between the receiver of said wireless audio system and a central control;
  - determining whether or not any problems exist by monitoring said data stored in said receiver from said central control;
  - communicating from said remote control to said audio system appropriate remedial actions to alleviate any of said problems.
2. The method of claim 1, wherein said audio system comprises a wireless audio system.
3. The method of claim 2, wherein said wireless audio system comprises a wireless microphone system.
4. The method of claim 3, wherein said transmitter comprises a handheld device.
5. The method of claim 3, wherein said transmitter comprises a body pack.
6. The method of claim 1, wherein said receiver comprises a diversity receiver.

7. The method of claim 1, wherein said data comprises data regarding characteristics of said transmitter or said receiver that can be monitored but not controlled.

8. The method of claim 7, wherein said data is selected from a group consisting of: receiver internet protocol address, receiver link address, receiver RF level, receiver AF level.

9. The method of claim 1, wherein said data comprises data regarding characteristics of said transmitter or said receiver that can be monitored and controlled.

10. The method of claim 9, wherein said data is selected from a group consisting of: receiver name, receiver frequency, receiver squelch level, receiver meter hold, receiver antenna power, receiver mute, default display on receiver state, receiver lock condition, receiver load present, and receiver save preset.

11. The method of claim 1, wherein said communicating step includes the step of transmitting replacement data to said receiver that is implemented by said receiver.

12. The method of claim 11, wherein said data is selected from a group consisting of: receiver name, receiver frequency, receiver squelch level, receiver meter hold, receiver antenna power, receiver mute, default display on receiver state, receiver lock condition, receiver load present, and receiver save preset.

13. The method of claim 1, wherein the receiver of said audio system comprises a master receiver and two or more slave receivers that are operatively coupled to said master receiver, each of said slave receivers including a slave transmitter associated therewith.

14. The method of claim 13, wherein said transmitting step comprises the step of transmitting data from the slave transmitter associated with one of said slave receivers to said master receiver, and transmitting said data from said master receiver to said central control.

15. The method of claim 1, wherein said transmitting step comprises the steps of combining data associated with said transmitter with a pilot tone signal, mixing said combined data/pilot tone signal with an audio signal, and transmitting said combined data/pilot tone/audio signal to said receiver.

16. The method of claim 15, wherein said pilot tone signal is at approximately 32 kHz.